

Title (en)
ALVEOLAR DISTRACTOR

Title (de)
ALVEOLARER DISTRAKTOR

Title (fr)
DISTRACTEUR ALVÉOLAIRE

Publication
EP 2926749 A4 20160713 (EN)

Application
EP 13858347 A 20131127

Priority
• ES 201231846 A 20121128
• ES 2013070821 W 20131127

Abstract (en)
[origin: EP2926749A1] An alveolar ridge distractor for distracting a bone fragment (2) with respect to a maxillary bone (1) separated by an osteotomy line (11); the distractor is comprised of a threaded rod (5) with an upper piece (3) and a lower piece (4). The threaded rod (5) is formed by a top part (7) where the thread has a specific rotation direction and a bottom part (8) where the rotation direction of the thread is opposite to that of the top part of the rod (7); the upper piece (3) is located at the top of the rod (7) and the lower piece (4) is located at the bottom part of the rod (8); both bodies (3 and 4) have an end part (16) with no external thread, generating a free ring (12) in the area in which both bodies are joined, with no thread. That free ring (12) which is not threaded, is positioned to coincide with the osteotomy line (11).

IPC 8 full level
A61B 17/66 (2006.01); **A61C 8/00** (2006.01)

CPC (source: CN EP ES US)
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A61C 8/0022 (2013.01 - CN EP US)

Citation (search report)
• [X] DE 20304365 U1 20040722 - IHDE DENTAL AG UETLIBURG DR [CH]
• [I] EP 1021993 A1 20000726 - NOBEL BIO CARE AB [SE]
• [A] CN 201551406 U 20100818 - STOMATOLOGICAL HOSPITAL OF ZHEJIANG UNIVERSITY SCHOOL OF MEDICINE
• [A] CN 102038556 A 20110504 - FOURTH MILITARY MEDICAL UNIV
• See references of WO 2014083228A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2926749 A1 20151007; **EP 2926749 A4 20160713**; BR 112015008919 A2 20170704; CN 104837424 A 20150812; ES 2472315 A1 20140630;
ES 2472315 B1 20151013; IL 238294 A0 20150630; KR 20150088240 A 20150731; MX 2015004474 A 20151123; RU 2015113346 A 20170110;
US 2015250566 A1 20150910; WO 2014083228 A1 20140605

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RU 2015113346 A 20131127; US 201314437415 A 20131127